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| 10/078,190 | 02/15/2002 | Gianfranco Stratico | 272/122 | 5432 |

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EXAMINER

PHAN, THIEM D

ART UNIT PAPER NUMBER

3729

DATE MAILED: 10/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/078,190

Applicant(s)

STRATICO, GIANFRANCO

ds

Examiner

Tim Phan

Art Unit

3729

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 22 September 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-33 is/are pending in the application.
- 4a) Of the above claim(s) 8-14, 22-28, 32 and 33 is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 8-14, 22-28, 32 & 33 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 3.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

Art Unit: 3729

DETAILED ACTION

Election/Restrictions

1. Applicant's election without traverse of Group II, Claims 8-14, 22-28, 32 and 33, in Paper No. 7 is acknowledged.

The Restriction mailed on or about 22nd July 2003 has been carefully reviewed and is held to be proper. Moreover Applicant did not distinctly and specifically point out any error in the Restriction Requirement. Accordingly, Claims 1-7, 15-21 and 29-31 are withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected Group, there being no allowable generic or linking claim.

The Restriction filed on or about 22nd July 2003 is hereby **made Final**.

Applicant is required to cancel these nonelected claims (1-7, 15-21 and 29-31) or take other appropriate action.

An Office Action on the merits of Claims 8-14, 22-28, 32 and 33 now follows.

Art Unit: 3729

Title

2. The following title is suggested: "A Method For Inserting A Coil Into A Dynamoelectric Machine Component".

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

4. Claims 8-13, 22-27, 32 and 33 are rejected under 35 U.S.C. 102(b) as being anticipated by Fooyontphanich et al (US 4,205,429) hereinafter '429.

As applied to claims 8, 22 and 32, the '429 teaches a method of inserting prepared or pre-wound coils (Cf. column 8, lines 18-22, lines 45+) into dynamoelectric machine stator, comprising:

- placing the coils into an inserting tool or mechanism (Cf. Fig. 2, element 33; column 4, line 41+);
- inserting a portion of the stretch coil through the bore (Cf. Fig. 1, element 21) of the magnetic core (Cf. Fig. 2, element 15; column 5, lines 17-22);

Art Unit: 3729

- pushing the stretch portion into the slot in a circumferential direction with respect to the axis (Cf. column 5, line 66 – column 6, line 2).

As applied to claims 9 and 23, the '429 teaches the pressing of the stretch portion into the bore (Cf. Fig. 1, element 21) of the magnetic core (Cf. Fig. 2, element 15; column 5, lines 17-22) and the coil guiding with deflecting pins or studs (Cf. column 10, lines 1-5).

As applied to claims 10, 11, 24 and 25, the '429 teaches the pressing of the coil portion in a desired form (Cf. Fig. 2, element 35).

As applied to claims 12, 13, 26 and 27, the '429 teaches that the coils are pushed into the bore for insertion by moveable blade (Cf. Fig. 2, elements 57 & 59).

As applied to claim 33, the '429 teaches the prepared coil windings outside of the stator core or machine component (Cf. Fig. 1, element 31; column 4, lines 41-56).

Claim Rejections - 35 USC § 103

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

Art Unit: 3729

having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claims 14 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over the '429.

As applied to claims 14 and 28, the '973 teaches the claimed invention except for terminating the coil leads.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to terminate the coil leads in order to feed power to the coils and generate magnetic flux for the dynamoelectric machine.

Conclusion

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tim Phan whose telephone number is 703-605-0707. The examiner can normally be reached on M - F, 9AM - 5PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Peter Vo can be reached on 703-308-1789. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 3729


Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-308-1148.

TP

Tim Phan
Examiner
Art Unit 3729

tp
October 24, 2003

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CARL J. ARBES
PRIMARY EXAMINER